REMARKS

Claims 1-20 remain in the application. Claims 1-10 stand allowed. Applicant respectfully requests re-examination.

Claims 11-20 were rejected under 35 U.S.C. §102(b) as anticipated by *Midorikawa et al.* (U.S. 4,912,512). Applicant respectfully traverses.

Midorikawa et al. is directed to a copier system which is capable of identifying two different types of cartridges that are inserted into the printer or developing unit. The alternate detection schemes disclosed by *Midorikawa et al.* are illustrated in Figures 3 and 4 of the patent. In Figure 3, a reflected seal 62 is mounted on the cartridge 56. The presence of the seal is detected by a cartridge sensor 44 which is mounted on the printer. The presence of the reflective seal on the cartridge, according to *Midorikawa et al.,* identifies a cartridge with a special toner. The absence of the seal identifies a cartridge of a different sort.

In Figure 4, the same type of detection scheme is implemented by the use of a magnet 62a and a reed switch 44a. The magnet 62a is mounted on the cartridge 56. The reed switch 44a is mounted on the printer or developing unit. When the magnet comes close to the reed switch, as when the cartridge is inserted into the developing unit, it affects the reed switch in a well known manner. This operation is set forth in the *Midorikawa et al.* specification at column 4, lines 15-31.

With respect to claim 4, *Midorikawa et al.* fails to disclose or teach "a first magnet coupled to the printer cartridge assembly, first magnet selected to counterbalance a second magnet on a printer, the first and second magnets positioned to lie adjacent to a magnet field detecting switch on the printer, wherein the position of the first magnet on the cartridge is

located so as to change a condition of the magnetic field sensed by the magnetic field detecting switch when the cartridge is inserted into the printer."

With respect to claim 14, *Midorikawa et al.* fails to describe or teach "a printer including a first magnetic field detecting switch and a second magnet adjacent the first magnetic field detecting switch, the second magnet biasing the magnetic field detecting switch to a first position, wherein the first magnet changes the magnetic field sensed by the magnetic field detecting switch."

With respect to claim 16, *Midorikawa et al.* fails to describe or teach "a first magnet adjacent the first magnetic field detecting switch on the printer, the first magnet having a magnetic field of a predetermined polarity and the magnetic field detecting switch having a first biased position in a neutral position; and a printer cartridge having a second magnet, the second magnet having a magnetic field of identical polarity to the first magnet on the printer, whereby the magnet field of the second magnet interacts with the magnetic field of the first magnet on the printer to allow return of the magnetic field detecting switch to the neutral position from the first biased position."

With respect to claim 18, *Midorikawa et al.* fails to disclose or teach "a first magnet attached to the printer cartridge housing, the first magnet positioned to lie adjacent to a magnetic field detecting switch and a second magnet on a printer when the printed cartridge is inserted into the printer, wherein the position of the first magnet on the cartridge is located so as to change a condition of the magnetic field detected by the magnetic field detecting switch when the cartridge is inserted into the printer."

Applicant respectfully requests that this rejection be withdrawn.

In light of the above amendment and remarks, Applicant respectfully submits that all the claims in this application are allowable and respectfully requests that this application be passed to issue.

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 26, 2005.

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